

User's Manual

B13IEXX/B11IEXX

B13IVXX/B11IVXX

■ Notice

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Preface

■ 1.1 Regulations Information

• FCC-B Radio Frequency Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
-
- CE compliance

This device is classed as a technical information equipment (ITE) in class B and is intended for use in living room and office. The CE-mark approves the conformity by the EU-guidelines:

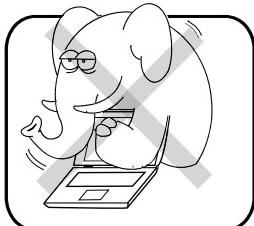
- EMV-guideline 89/336/EWG electromagnetic tolerance
- LVD-guideline 73/23/EWG use of electric devices within certain voltage-limits



CAUTION: Any changes or modifications not expressly approved by the guarantee of this device could void the user's authority to operate the equipment.

■ 1.2 Safety Instructions

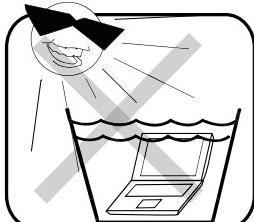
The following safety precautions will increase the life of the Computer. Follow all Precautions and instructions.



Do not place this device underneath heavy loads or in an unstable position.



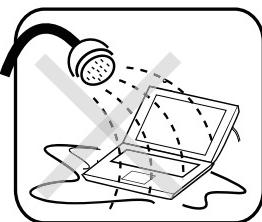
Do not use or expose this device around magnetic fields as magnetic interference may affect the performance of the device.



Do not expose this device to high levels of direct sunlight, high-humidity or wet conditions.



Do not block the air vents to this device or impede the airflow in any way.



Do NOT expose to or use near liquid, rain, or moisture
Do NOT use the modem during electrical storms.

- The unit can be operated at an ambient temperature of max. 35°C (95°F). Do not subject it to temperatures below 5°C (41°F) or above 35°C (95°F).

■ 1.3 Notes for this Manual



CAUTION! Important information that must be followed for safe operation.



NOTE : Information for special situations.

■ 1.4 Release History

Version	Revision Note	Date
1.0	First Released	03.2010

Getting to know the basics

■ 2.1 Product Specification

This User's Manual provides instructions and illustrations on how to operate this notebook. It is recommended to read this manual carefully before using this notebook.

• Physical Characteristic

Dimension	B11IEXX/B11IVXX: 293 x 200.2 x 27.7 ~ 35.4 mm (w/ Rubber-foot) B13IEXX/B13IVXX: 334 x 230 x 25.5 ~ 32.27 mm (w/ Rubber-foot)
Weight	B11IEXX/B11IVXX: 1.25kgs + 3cells B13IEXX/B13IVXX: 1.58kgs + 3cells

• CPU

Support Processor	B11IEXX/B13IEXX: Intel® Pineview-D ATOM Intel® Pineview-M ATOM
	B11IVXX/B13IVXX: Intel® Pentium® Processor Intel® Celeron® Processor

• Core Chips

North Bridge	B11IVXX/B13IVXX: Mobile Intel® GS40
South Bridge	B11IVXX/B13IVXX: ICH9M B11IEXX/B13IEXX: Mobile Intel® NM10

• Memory

DDR2/DDR3	B11IEXX/B13IEXX: DDR2 800 MHz B11IVXX/B13IVXX: DDR3 1066/1333 MHz RAM socket * 1
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• Power

AC Adapter	40 Watts , 2 Pin (for B11IEXX/B13IEXX/B11IVXX/B13IVXX used)
	30 Watts , 2 Pin (for B11IEXX/B13IEXX with Pineview-M CPU used)
Battery	Li-ion Battery

• Storage

HDD	SATA HDD support
Card reader	4 in 1 Card Reader Card

• I/O Port

DC-in	x 1
USB	USB 2.0 x 3
CRT	x 1
RJ45	x 1
RJ11 (Optional)	x 1
Phone jacks for	x 2 microphone/ headphone
Card Reader	x 1

• Audio

Audio Codec	Azalia standard support
Speaker/MIC	Build-in 2 speakers and internal MIC support

• Input

Keyboard	Standard NB KB
Pointing Device	PS2 Touch Pad with 2 buttons

• Display

VGA	Intel Integrated Graphic
LCD	B11IEXX/B11IVXX: 11.6" WXGA, 16:9 LED type, resolution 1366 x 768 B13IEXX/B13IVXX: 13.3" WXGA, 16:9 LED type, resolution 1366 x 768

- **Communication Port**

LAN	10/100 Mb/Sec
Wireless LAN	802.11b/g/n

- **Webcam**

Webcam	Build-in Webcam module
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CAUTION: MODEL B13IEXX/B11IEXX/B13IVXX/B11IVXX (x=0-9 or blank)IS
DESIGNED TO USE WITH THE FOLLOWING AC ADAPTER MODEL ONLY

Manufacture: Delta
Model: ADP-40PHAB

Manufacture: FSP
Model: FSP040-RAC

CAUTION: MODEL B13IEXX/B11IEXX (x=0-9 or blank)
IS DESIGNED TO USE WITH THE FOLLOWING AC ADAPTER MODEL ONLY

Manufacture: Delta
Model: ADP-40PHAB

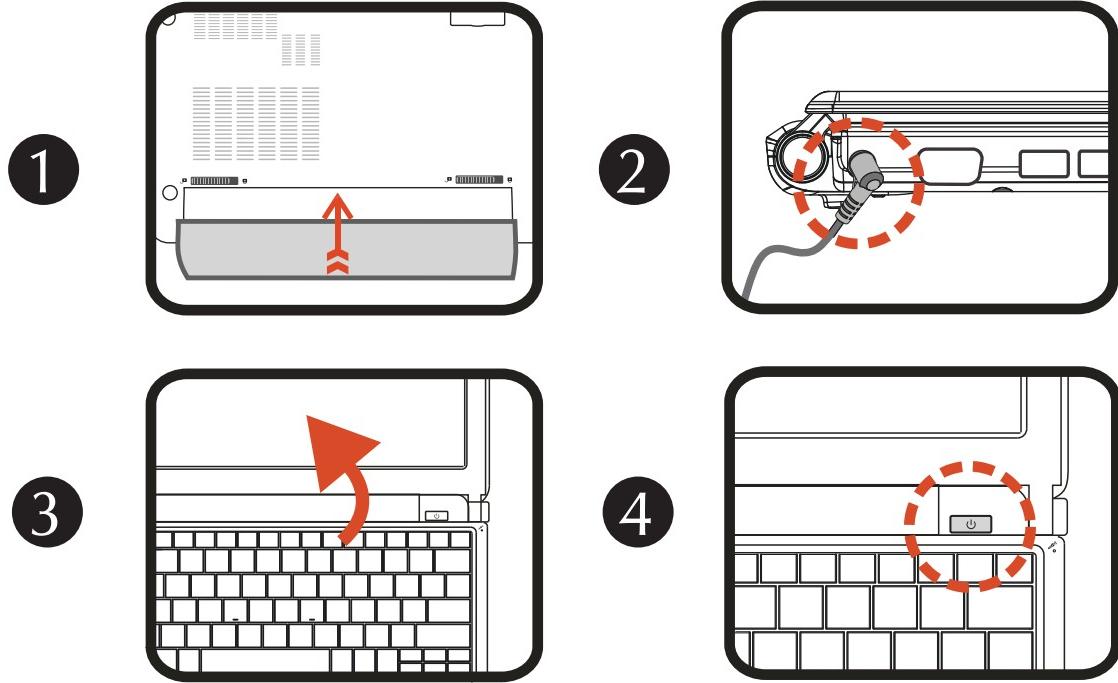
Manufacture: FSP
Model: FSP040-RAC

Manufacture: FSP
Model: FSP030-DQyA1xx

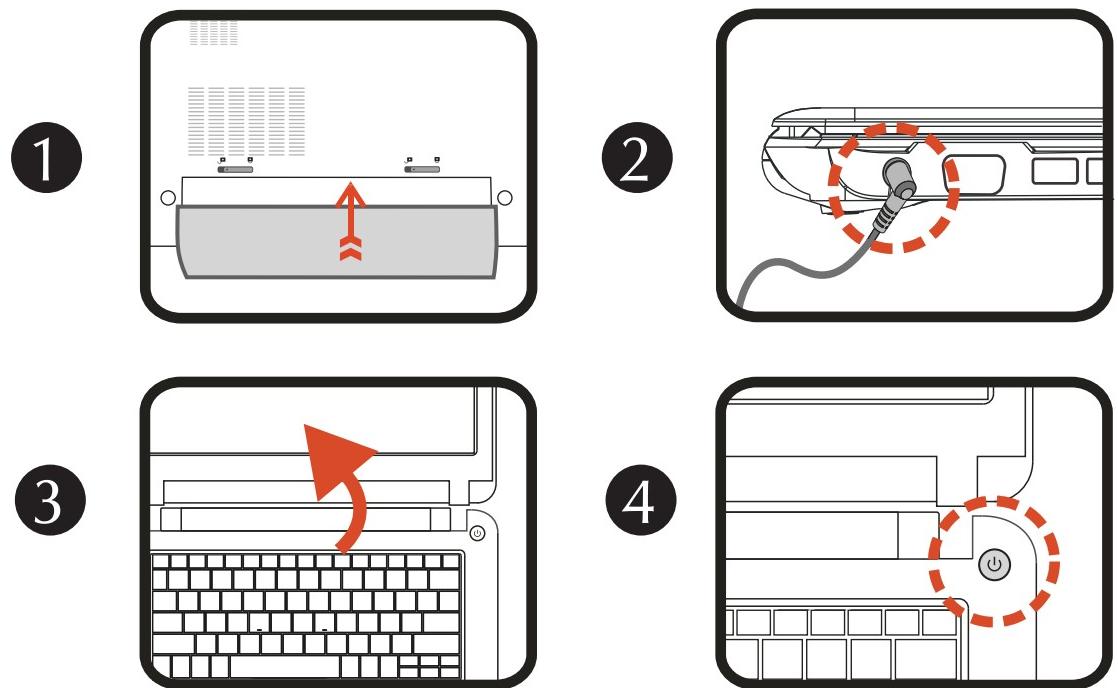
Manufacture: DVE
Model: DSA-30PFA-19 b xy

■ 2.2 Preparing your Computer

➤ B11IEXX/B11IVXX



➤ B13IEXX/B13IVXX



-
-
- 1 Turn your notebook computer upside down so the bottom is facing up.

Insert the battery pack as shown into the battery compartment until it clicks into place. Then slide the lock/unlock latches into the lock position.

- 2 Plug the AC adapter cable into the DC power connector on the left side of your notebook computer .
- 3 To open your notebook computer.
- 4 Press the power button to turn on your notebook computer.



NOTE : The product's color and specification will depend upon the actually shipping product.

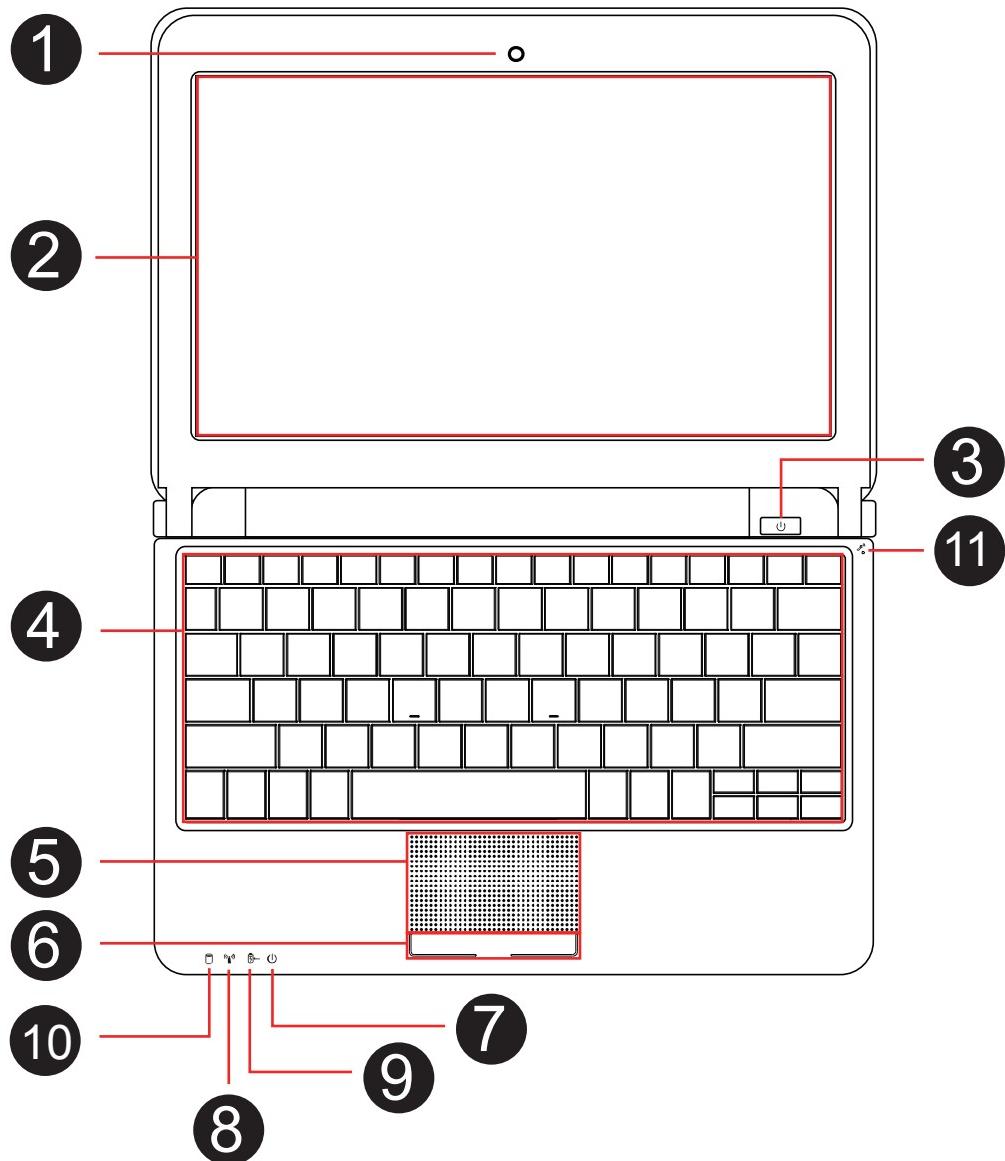
■ 2.3 Product Overview

This section provides the description of basic aspects of the notebook.

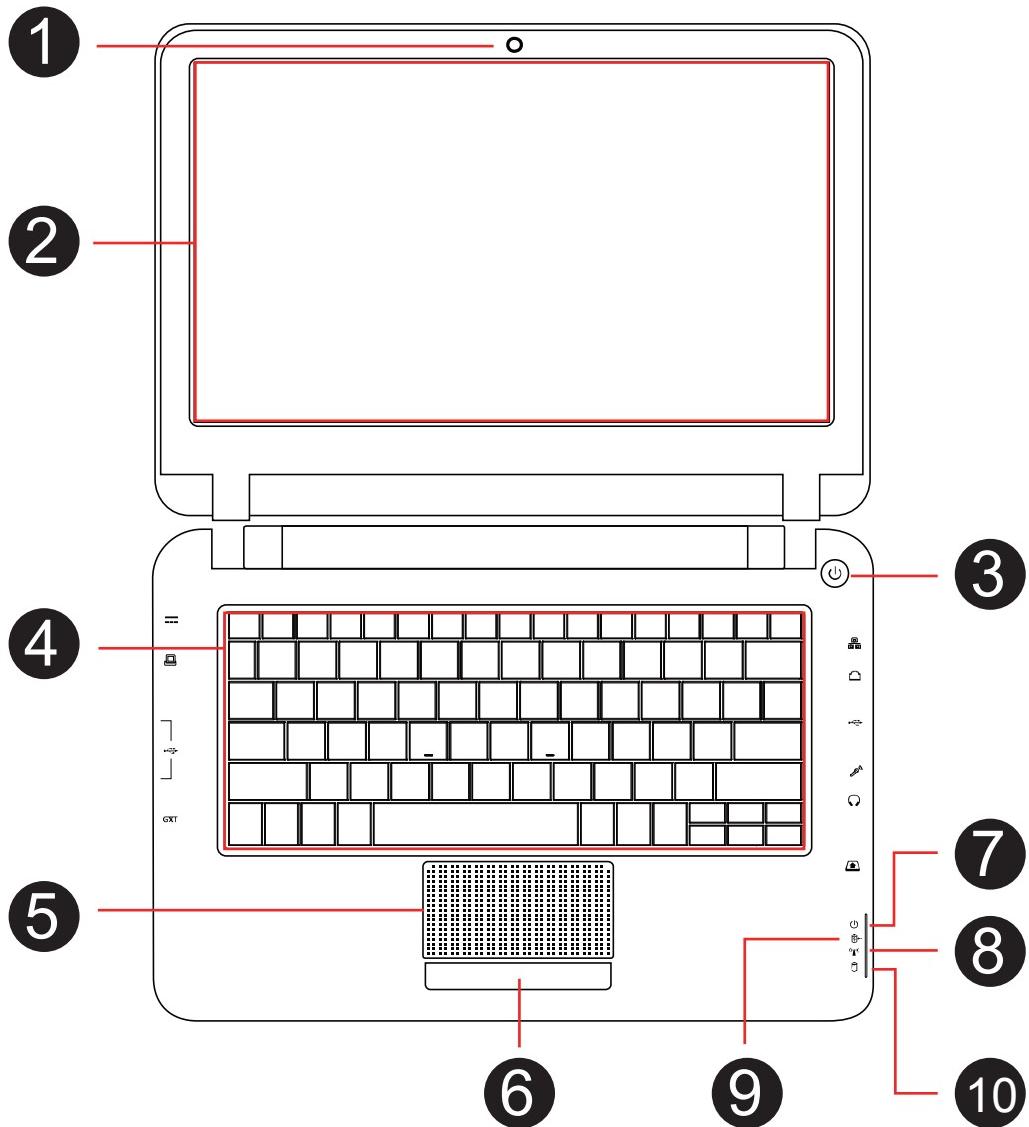
■ 2.3.1 Top-Open View

The figure of top-open view and description shown below will lead you to browse the main operating area of your notebook.

➤ B11IEXX/B11IVXX



➤ B13IEXX/B13IVXX



Top Side Components

Function Description

1	Webcam	The built-in Webcam allows picture taking or video recording.
2	LCD screen	Displays of your notebook computer.

Top Side Components	Function Description
③ Power Button	Turns on the power of your notebook computer.
④ Keyboard	The keyboard provides keys with comfortable travel.
⑤ Touchpad	Touch-sensitive pointing device which functions like the mouse.
⑥ Left and right touchpad buttons	The left and right buttons function like the left and right buttons on a standard mouse.
⑦ Power Status LED	The Power indicator shows the Power status.
⑧ RF Status LED Wireless/3G module(Optional)	The RF indicator shows the RF status.
⑨ Battery Status LED	The Battery indicator shows the Battery status.
⑩ HDD Status LED	The HDD indicator shows the HDD status.
⑪ Microphone (For B11IEXX/B11IVXX only)	Built-in microphone.



CAUTION: When you are not using the computer, keep the LCD screen closed to protect it from dust.



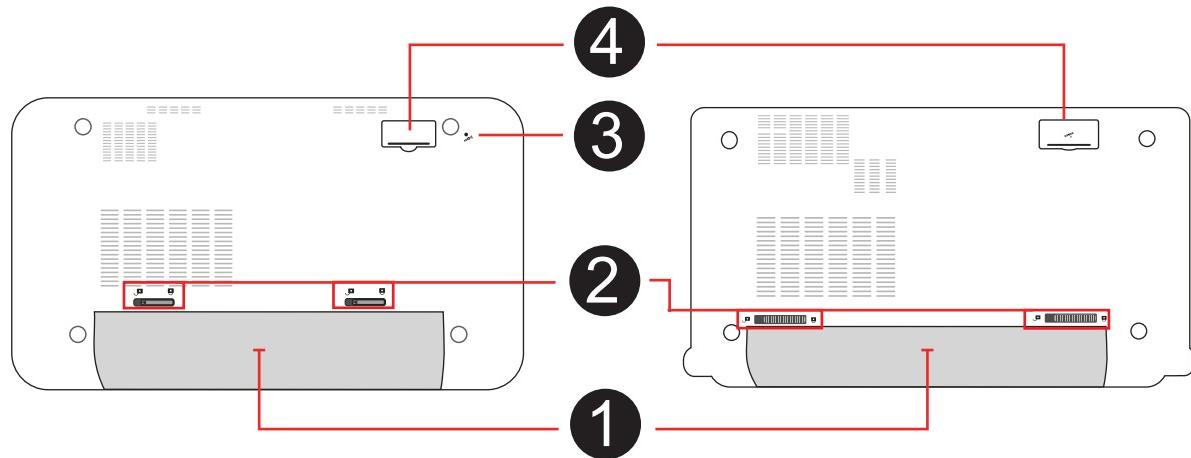
NOTE: The keyboard differs for each territory.

■ 2.3.2 Bottom Side View

Refer to the following illustration to identify the components on this side of the computer.

➤ B13IEXX/B13IVXX

➤ B11IEXX/B11IVXX



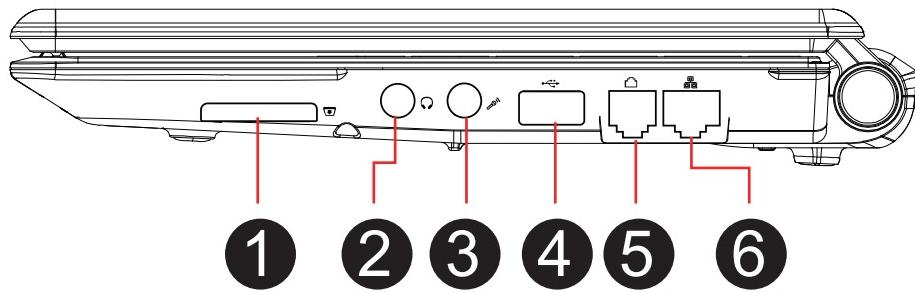
Top Side Components	Function Description
① Battery pack	Insert the battery into this compartment.
② Battery lock latch	Slide to lock/unlock the battery.
③ Microphone (For B13IEXX/B13IVXX only)	Built-in microphone.
④ 3G SIM card door	For end-user to install/un-install 3G SIM card.

! **CAUTION:** Do not put the computer on your LAP or other Parts of the body to avoid injury from the heat.

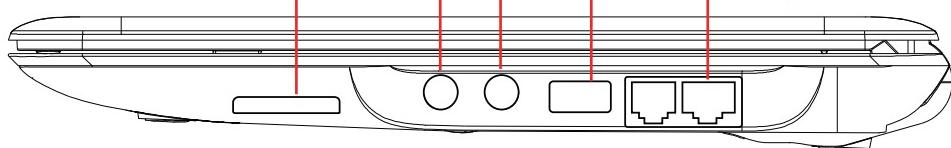
■ 2.3.3 Right Side View

Refer to the following illustration to identify the components on this side of the computer.

➤ B11IEXX/ B11IVXX



➤ B13IEXX/ B13IVXX

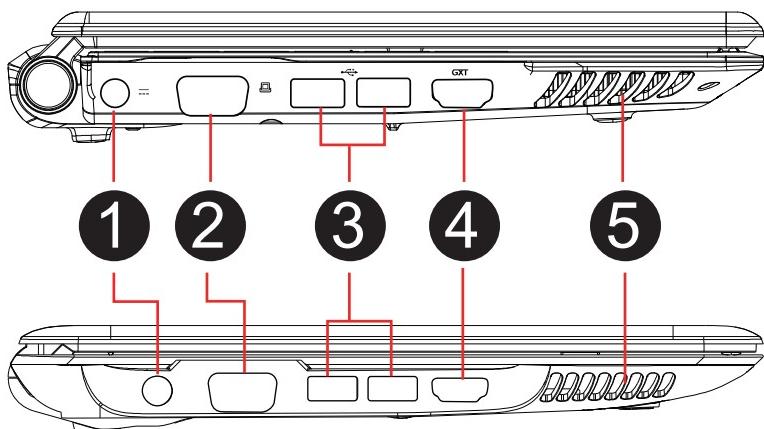


Top Side Components	Function Description
1 4-in-1 Card Reader	SD/MMC/MS/MS Pro Memory Card
2 Headphone jack	Connects amplified speakers or headphones into this jack.
3 Microphone jack	Connects a microphone into this jack.
4 USB Port	Connects an USB device (such as USB Zip drive, keyboard or mouse) into this jack.
5 Modem Port (For B11IEXX/B11IVXX only)	Connect to ISP.
6 Network Jack	Connects network.

■ 2.3.4 Left Side View

Refer to the following illustration to identify the components on this side of the computer.

- B11IEXX/
B11IVXX



- B13IEXX/
B13IVXX

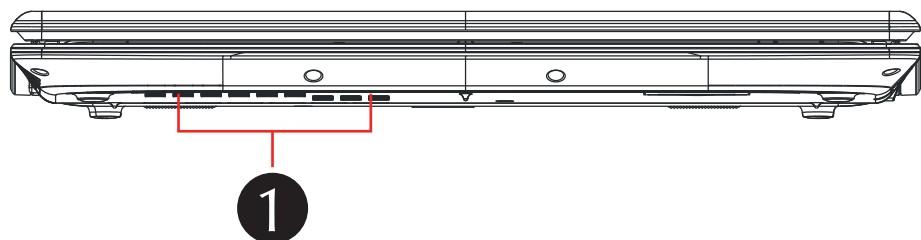
Top Side Components	Function Description
1 Power Connector	Connects the AC adapter into this connector.
2 External monitor connector	Connects an external monitor.
3 USB Port	Connects an USB device (such as USB Zip drive, keyboard or mouse) into this jack.
4 GXT (graphic performance extension)	Need to bundle with Shuttle GXT docking for enable.
5 Vent	Thermal Vent.

 **NOTE:** Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment. To reduce the risk of fire use only No. 26 AWG or larger telecommunication line cord.

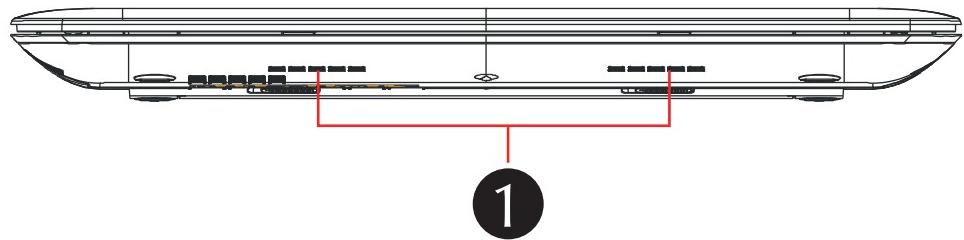
■ 2.3.5 Front Side View

Refer to the following illustration to identify the components on this side of the computer.

➤ B11IEXX/B11IVXX



➤ B13IEXX/B13IVXX



Top Side Components	Function Description
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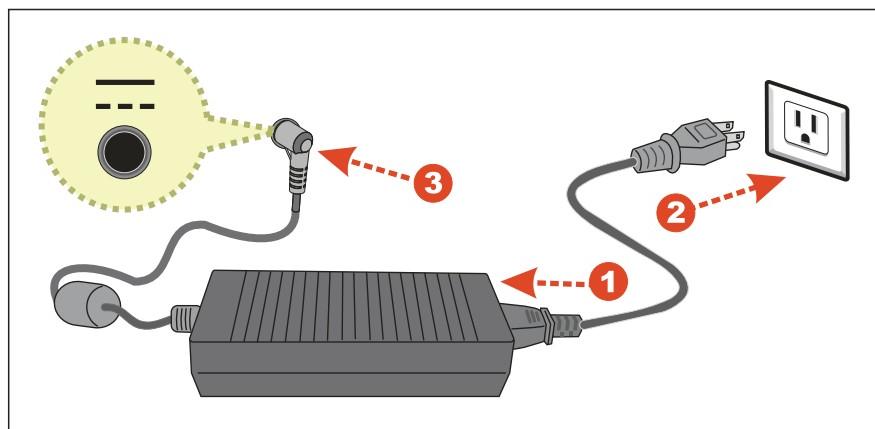
- ① Stereo speakers Produce stereo sound.

Getting Started

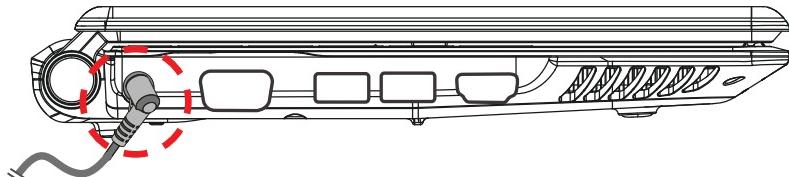
■ 3.1 AC Adapter

Please be noted that it is strongly recommended to connect the AC adapter and use the AC power while using this notebook for the first time. When the AC adapter is connected, the battery is being charged immediately.

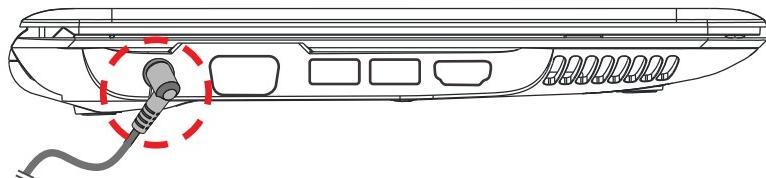
Note that the AC adapter included in the package is approved for your notebook; using other adapter model may damage either the notebook or other devices attached to it.



- B11IEXX/
B11IVXX



- B13IEXX/
B13IVXX



CAUTION: Do not use inferior extension cords as this may result in damage to your notebook. The notebook comes with its own AC adapter. Do not use a different adapter to power the computer and other electrical devices.

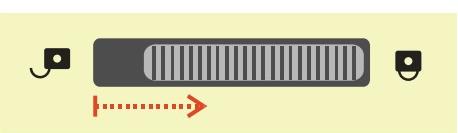
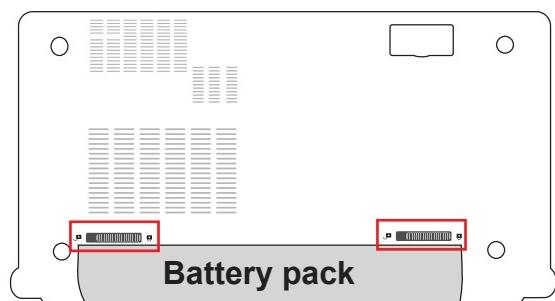
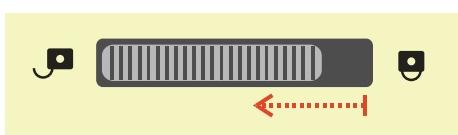
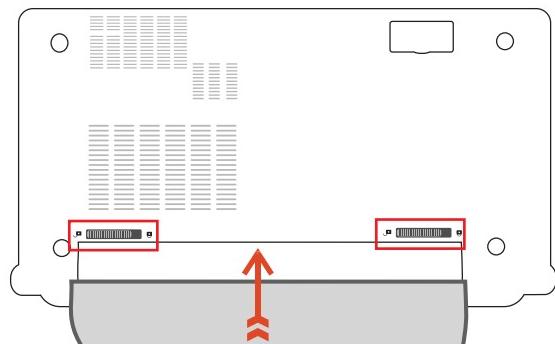


NOTE: The power adapter may become warm to hot when in use. Be sure not to cover the adapter and keep it away from your body.

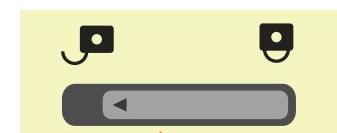
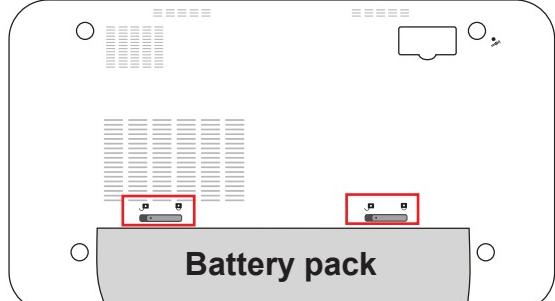
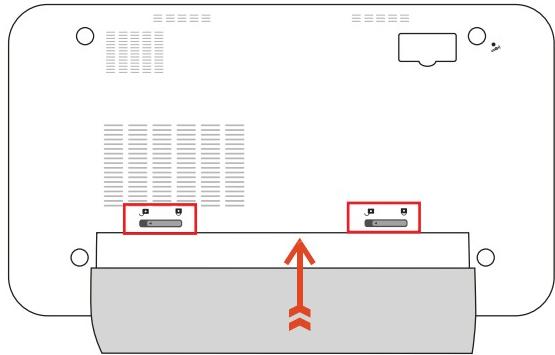
■ 3.2 Installing the battery pack

Insert the battery pack as shown into the battery compartment until it clicks into place. Then slide the lock/unlock latches into the lock position.

➤ B11IEXX/B11IVXX



➤ B13IEXX/B13IVXX



NOTE: Never attempt to remove the battery pack while the computer is turned ON, as this may result in the loss of working data.



CAUTION! Only use batteries that are approved by an authorized dealer. All batteries are not the same and therefore should not be treated as such. Using the wrong battery could cause serious damage to your computer and yourself through toxic emissions.



CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. Never remove the battery pack while the power is on as this may result in data loss when the system loses power.

■ 3.3 Knowing the Keyboard

The following defines the colored hot keys on the B13IEXX/B11IEXX /B13IVXX/B11IVXX Keyboard.

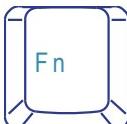
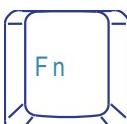
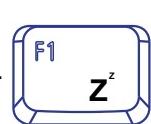
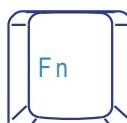
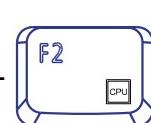
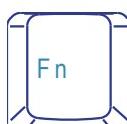
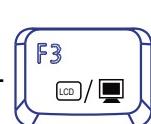
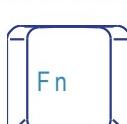
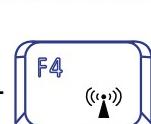
The colored commands can only be accessed by first pressing and holding the function key while pressing a key with a colored command.



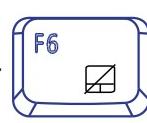
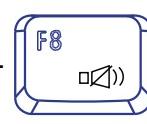
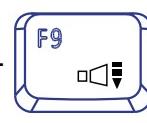
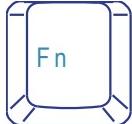
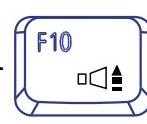
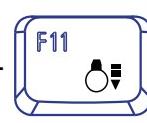
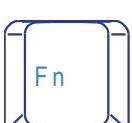
■ 3.3.1 Keyboard Usage

To activate these functions, press and hold down <Fn> together with the keys described below:

■ Function Keys

Keypad	Function Description
 + 	BT on/off: Press this key combination (Fn+Esc) (Optional) to enter BT on/off mode.
 + 	Suspend: Press this key combination (Fn+F1) to enter sleep mode.
 + 	I-Powerxross: Press this key combination (Fn+F2) to enter I-Powerxross mode.
 + 	LCD/CRT mode: Press this key combination (Fn+F3) to enter LCD/CRT mode. Changes Display Mode: LCD-only, CRT-only, LCD/CRT simultaneously
 + 	Wireless on/off: Press this key combination (Fn+F4) to enter Wireless on/off mode.
 + 	3G on/off: Press this key combination (Fn+F5) (Optional) to enter 3G on/off mode.

■ Function Keys

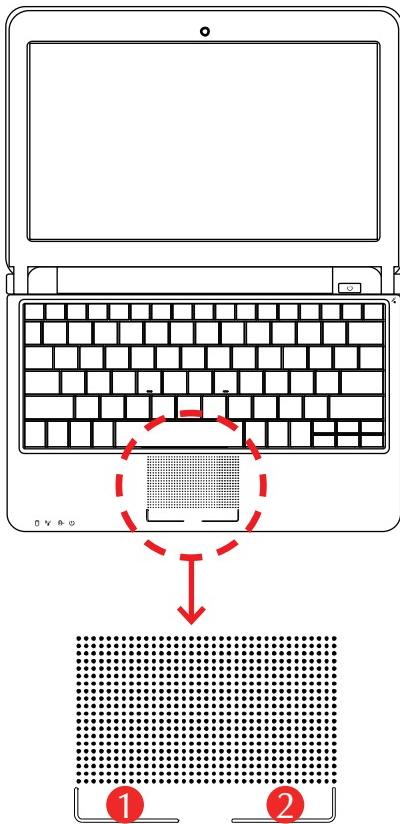
Keypad	Function Description
 + 	Touch pad: Press this key combination (Fn+F6) to enter Touch pad mode.
 + 	Webcam on/off: Press this key combination (Fn+F7) to enter Webcam on/off mode.
 + 	MUTE: Press this key combination (Fn+F8) to enter MUTE mode.
 + 	Volume down: Press this key combination (Fn+F9) to enter Volume down mode.
 + 	Volume up: Press this key combination (Fn+F10) to enter Volume up mode.
 + 	Brightness down: Press this key combination (Fn+F11) to decrease brightness of LCD display.
 + 	Brightness up: Press this key combination (Fn+F12) to increase brightness of LCD display.

■ 3.4 Using the touchpad

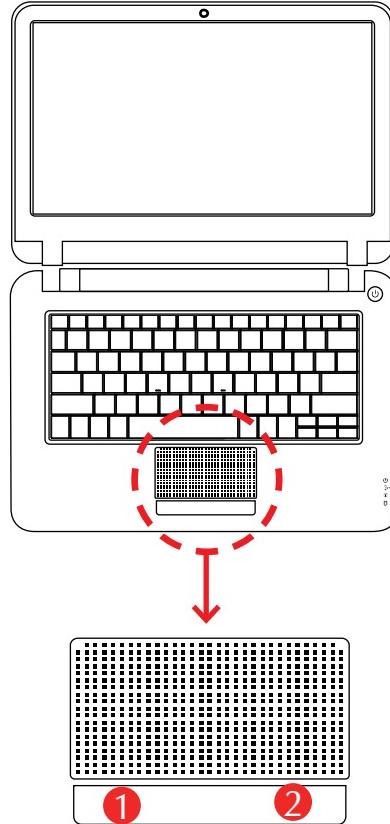
The touchpad is a rectangular electronic panel located just below your keyboard. You can use the static-sensitive panel of the touchpad and slide it to move the cursor. You can use the buttons below the touchpad as left and right mouse buttons.

Press the left **1** and right **2** buttons located on the edge of the touchpad to make selections and run functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad produces similar results.

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➤ B13IEXX/B13IVXX



CAUTION: Keep your fingers dry and clean while using the touchpad. Also keep the touchpad dry and clean. The touchpad is sensitive to finger movements. Therefore, the lighter the touch, the better the response. Tapping too hard will not increase the touchpad's responsiveness.

BIOS SETUP

■ 4.1 About BIOS Setup

■ 4.1.1 When to Use BIOS Setup ?

You may need to run the BIOS Setup when:

- An error message appears on the screen during the system booting up and is requested to run SETUP.
- You want to change the default settings for customized features.
- You want to reload the default BIOS settings.

■ 4.1.2 How to Run BIOS Setup ?

To run the BIOS Setup Utility, turn on the notebook and press the [Del] key during the POST procedure.

If the message disappears before you respond and you still wish to enter Setup, either restart the system by turning it OFF and ON, or simultaneously pressing [Ctrl]+[Alt]+[Del] keys to restart.

Be noted that the screen snaps and setting options in this chapter are for your references only. The actual setting screens and options on your Notebook may be different because of BIOS update.

The setup uses a menu interface to allow the user to configure their system and the features are briefly listed as follow.

Press F11 key for Boot Menu.

■ 4.2 BIOS Setup Menu

Once you enter the BIOS Setup Utility, the Main Menu will appear on the screen. Select the tags to enter the other menus.

Info Menu

Show System Information about BIOS version,CPU features and Manufacturer

Main Menu

Show system overview about memory size, main HDD or ODD and setting of system time and date.

Advanced Menu

To select the XD feature enable or disable XD feature only work with Intel platform + Windows

Security Menu

Install or clear the password settings for supervisor and user.

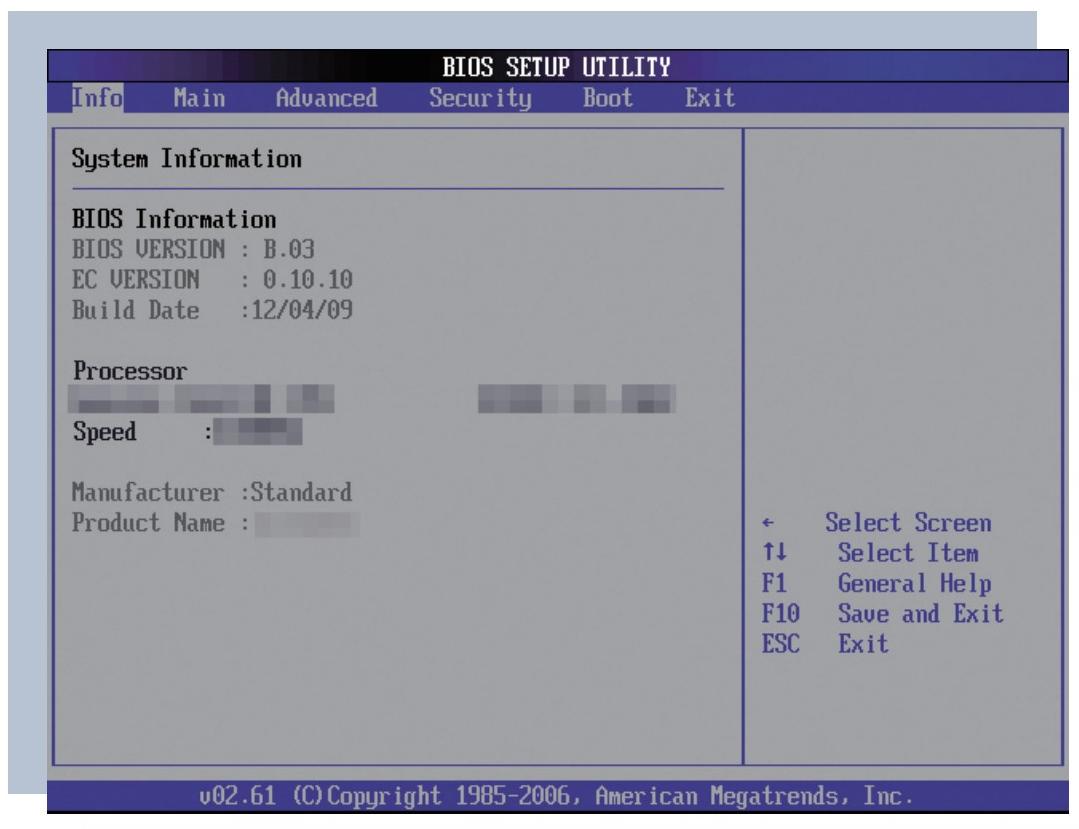
Boot Menu

Configure Settings during System Boot.

EXIT Menu

Save or discard the changes before leaving the BIOS Setup Menu.

■ 4.2.1 Info Menu



- **System Information**

This item provides the information about the firmware, processor, and system memory.

- **BIOS Information**

BIOS VERSION : BIOS version

EC VERSION : EC version

Build Date : BIOS Build Date

- **Processor**

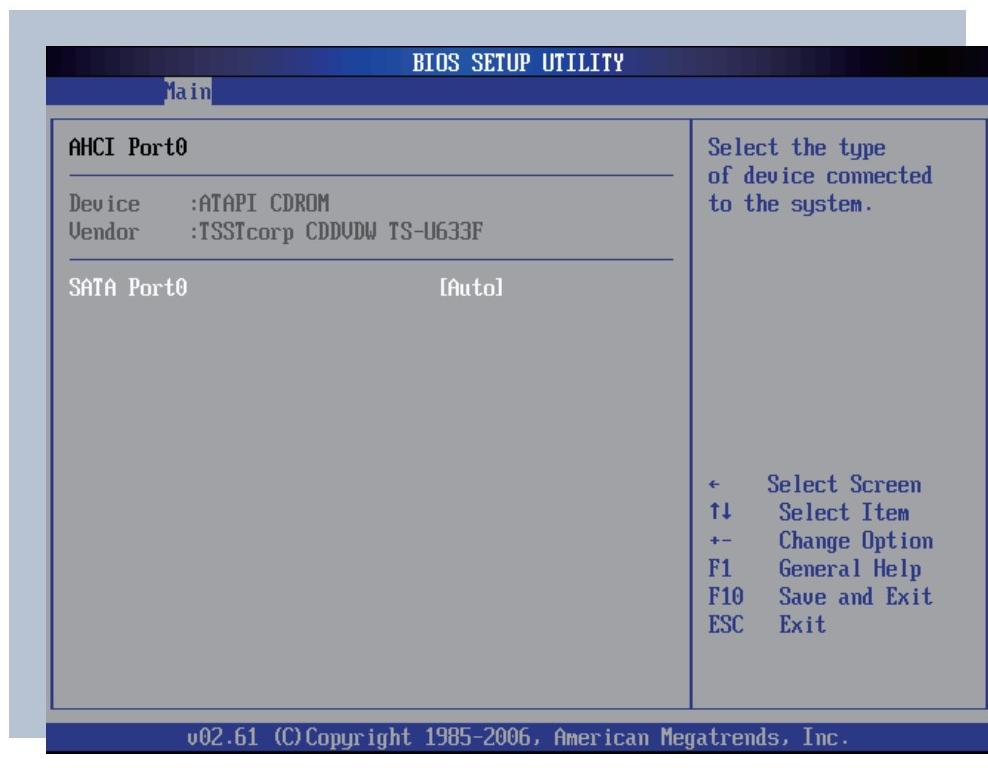
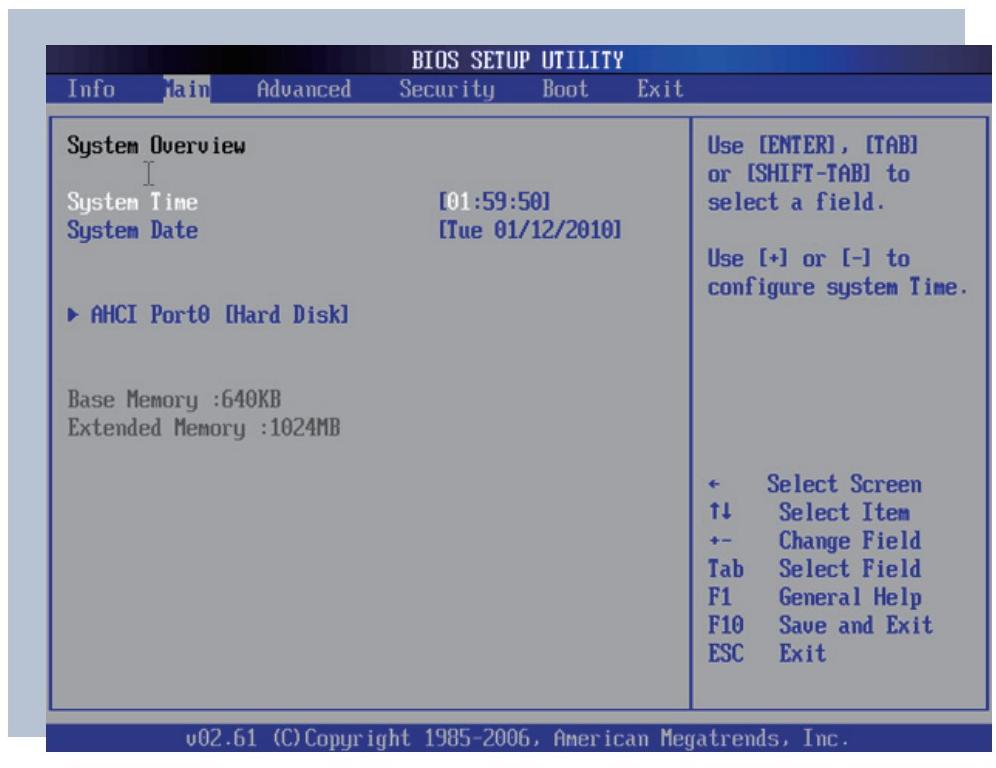
Processor Type

- **Manufacturer**

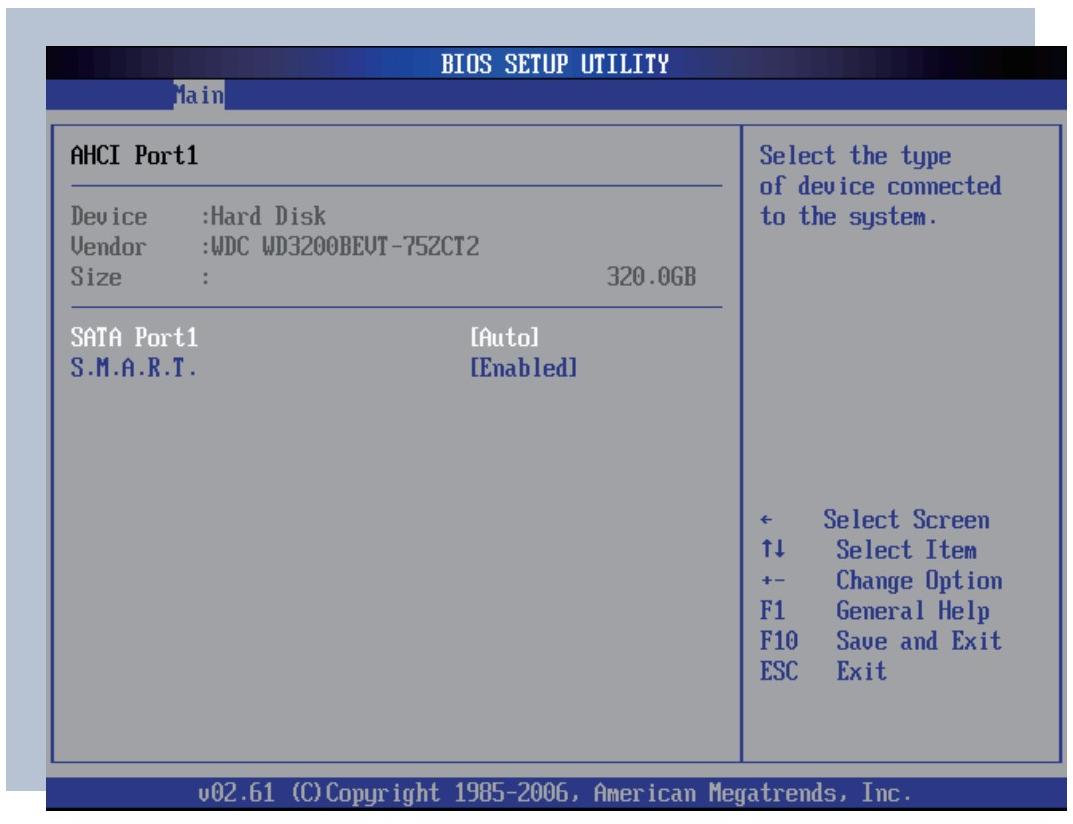
Manufacturer Name

- **Product Name:** Product Name

■ 4.2.2 Main Menu



■ 4.2.2 Main Menu



• System Date

This item allows you to set the system date. The date format is [day:month:date:year].

Use [ENTER], [TAB] or [SHIFT-TAB] to select a field.

• System Time

This item allows you to set the system time. The system clock will go on no matter you shut down the PC or get into sleep mode. The time format is [hour:minute:second].

Use [+] or [-] to configure system Time.

Day	Day of the week, from Sun to Sat, which is determined by BIOS (read-only).
Month (Month)	The month from 01 (January) to 12 (December).
Date (Date)	The date from 01 to 31.
Year (Year)	The year can be adjusted by users.

- AHCI Port0

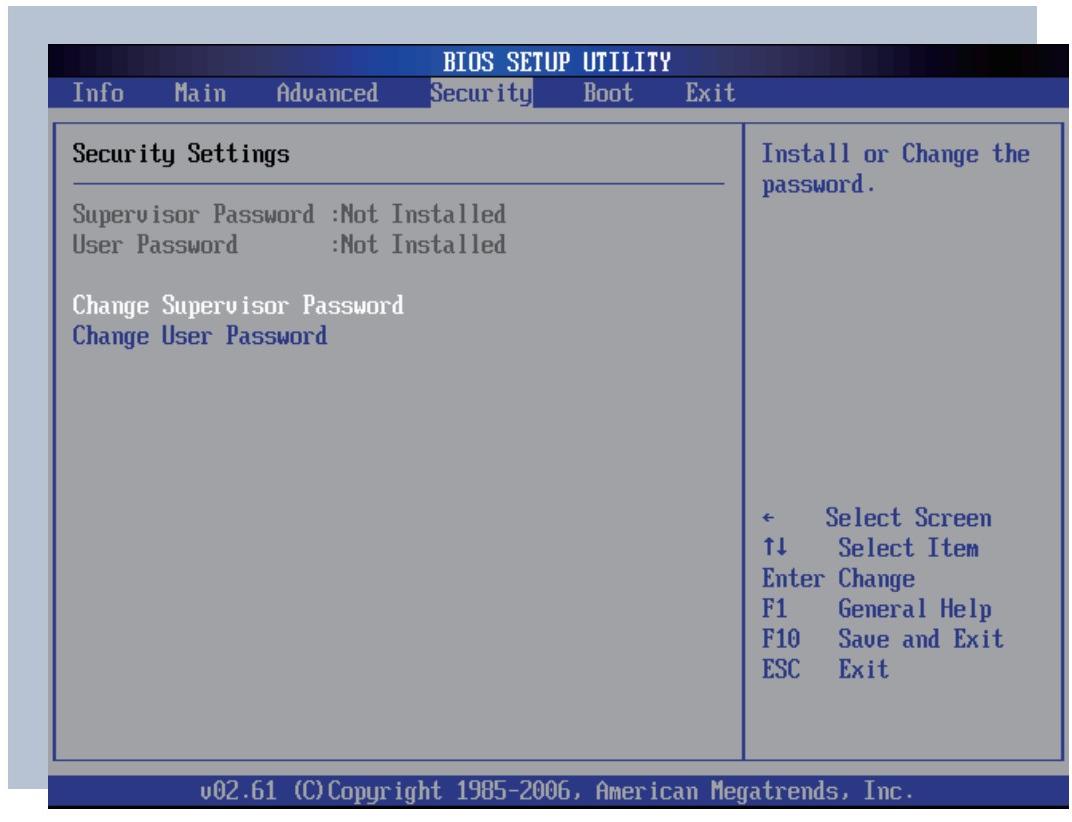
While entering setup, BIOS auto detects the presence of AHCI devices. This displays the status of auto detection of AHCI devices.

■ 4.2.3 Advanced Menu



- **Execute-Disable Bit Capability [Enabled]:**
When disabled, force the XD feature flag to always return 0.

■ 4.2.4 Security Menu



- **Change Supervisor Password**

When this item is selected, a message box shall appear on the screen as below:

Enter New Password

Type a maximum of 6-digit password and press [Enter]. The password typed now will replace any previously set password from CMOS memory. You may also press [ESC] to abandon new password setting. When the Supervisor Password is set, new items Change User Password and Password Check will be added in the menu. Select Change User Password to give or to abandon password setting

same as Change Supervisor Password item above.

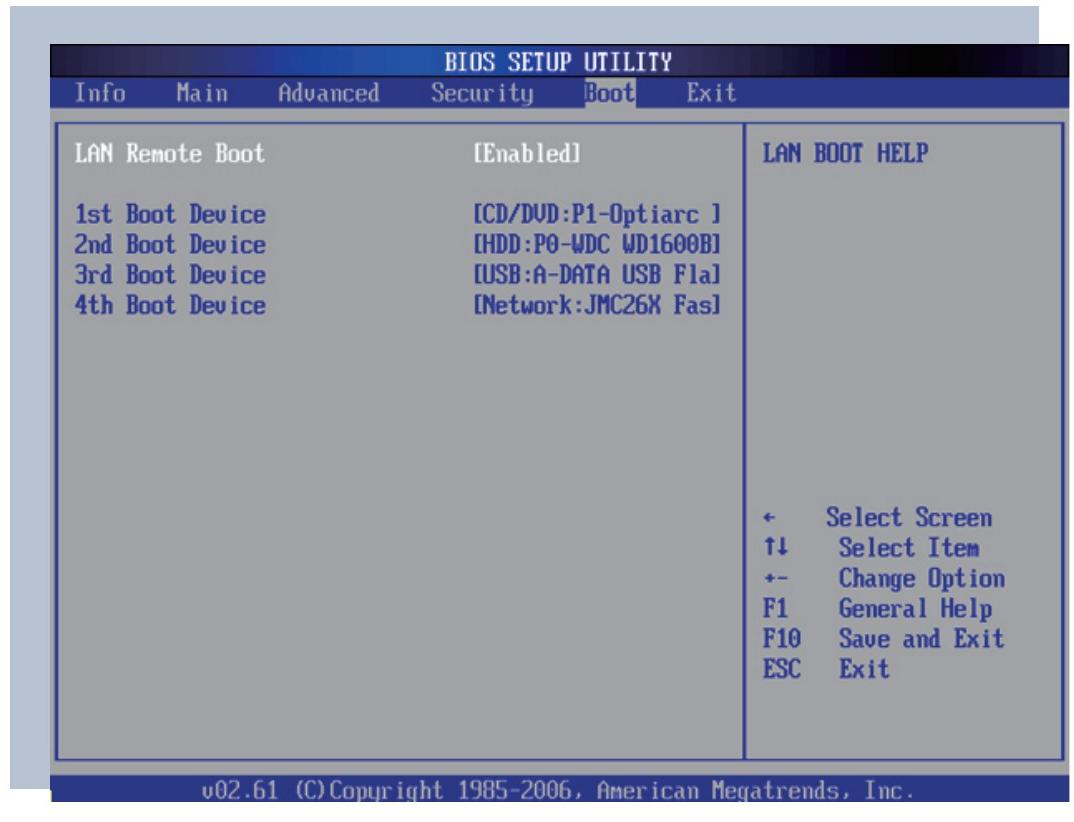
Note that Supervisor Password field allows users to enter and change the settings of the BIOS SETUP UTILITY, while User Password field only allows users to enter the BIOS SETUP UTILITY without having the authorization to make any change.

The Password Check item is used to specify the type of BIOS password protection that is implemented. Settings are described below:

Setup	The password is required only when users try to access to BIOS SETUP UTILITY.
Always	The password is required every time when the Notebook is powered on or when users try to access to BIOS SETUP UTILITY.

To clear a set Supervisor Password/ User Password, just press [Enter] under Change Supervisor Password/ Change User Password field when you are prompted to enter the password. Please note that when Supervisor Password has been cleared, User Password will be cleared as well. A message box will pop up confirming password will be disabled. Once the password is disabled, the system will boot and user can enter setup without entering password.

■ 4.2.5 Boot Menu



- **Boot**

Configure Settings during System Boot.

- **LAN Remote Boot [Enable]:**

Boot from LAN or not.

- **1st Boot Device**

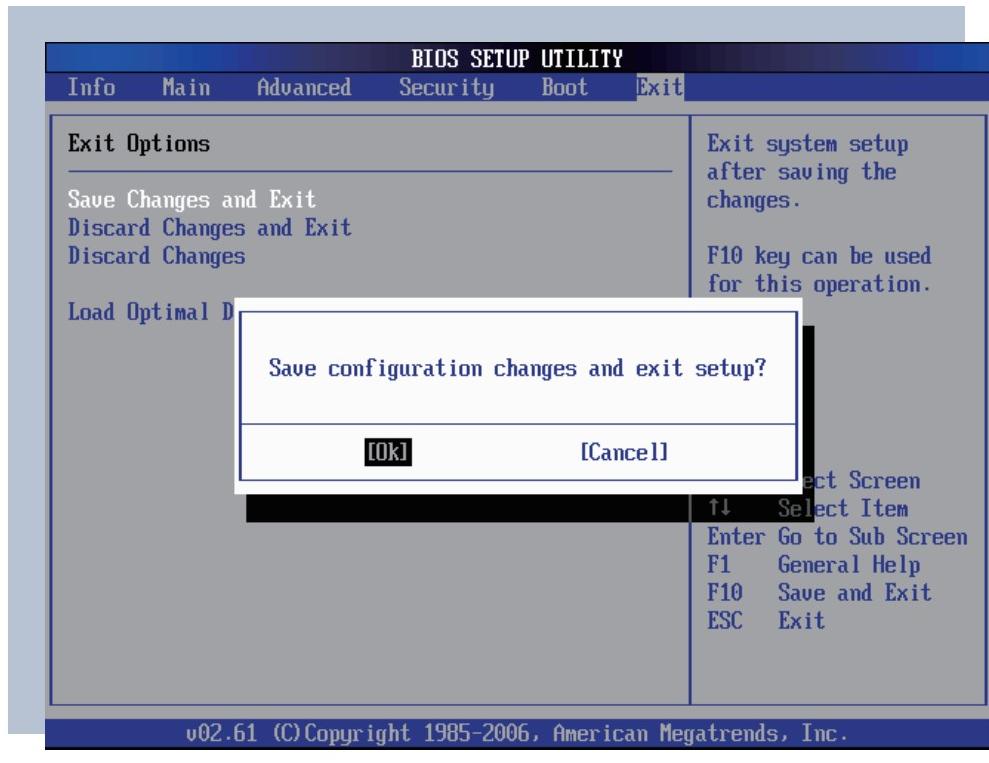
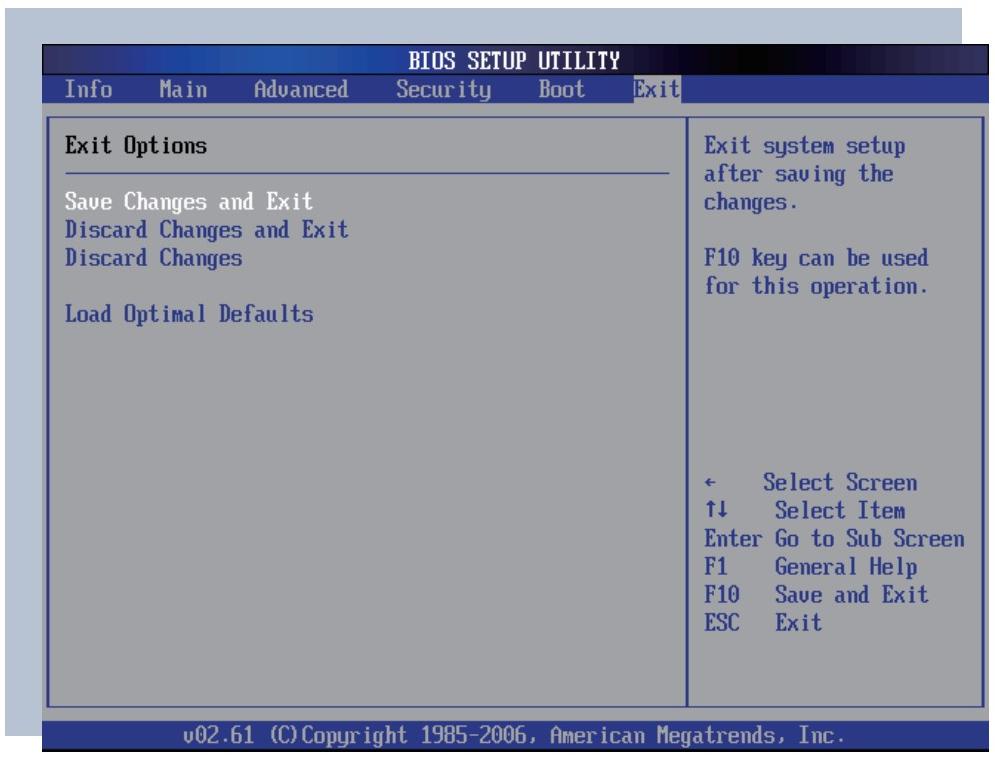
- **2nd Boot Device**

- **3rd Boot Device**

Specifies the boot sequence from the available devices.

A device enclosed in parenthesis has been disabled in the corresponding type menu.

■ 4.2.6 Exit Menu



- **Save & Exit Setup**

Exit system setup after saving the changes.

F10 key can be used for this operation.

- **Discard Changes and Exit**

Exit system setup without saving any changes.

ESC key can be used for this operation.

- **Discard Changes**

Discards changes done so far to any of the setup questions.

F7 key can be used for this operation.

- **Load Default Settings**

Load Optimal Default values for all the setup questions.

F9 key can be used for this operation.